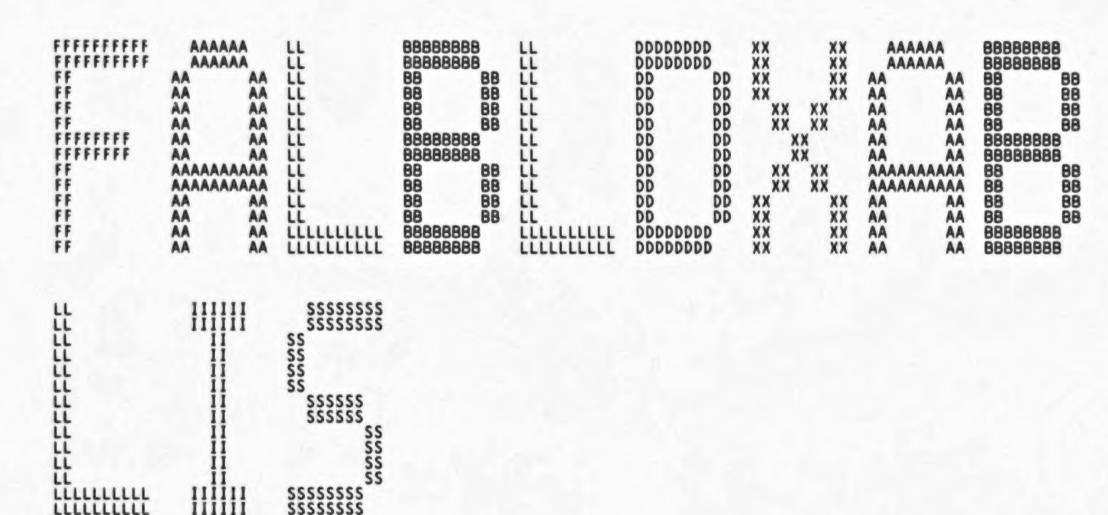


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FAL VO4 .TITLE

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Page

FAL VO4

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FALBLDXAB - BUILD DAP EXT ATT MESSAGES

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Facility: FAL (DECnet File Access Listener)

Abstract: This module builds the DAP extended Attributes messages.

Environment: VAX/VMS, user mode

Author: James A. Krycka, Creation Date: 22-MAY-1979

Modified By:

V03-002 JAK0136 J A Krycka 07-MAR-1984

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FALBLDXAB V04-000					- BU	JILD DAP EX	TATT	MESSAGES	M 14	16-SEP-1984 5-SEP-1984	01:3	9:25	VAX/VMS Macro V04-00 Page [FAL.SRC]FALBLDXAB.MAR;1	(3)
						0023 14 0023 14 0023 14 0023 14 0023 14 0023 14 0023 14 0023 14			DAPSM DAPSM DAPSM DAPSM DAPSM DAPSM DAPSM DAPSM DAPSM DAPSM	LAN - DAN - DTP - RVB - DVB - DBS - IBS -				
						0023 15 0023 15 0023 15			DAPSM DAPSM DAPSM 0>,R1					
			F	FDA'	30	0023 15 0026 15 0026 15		BSBW	FALSCVT_	BN4_EXT	;	Stor	e KEYMENU as an extensible field	
						0026 15 0026 15 0026 15 0026 15	I	nclude the f	LG. DFL.	and IFL fiel	lds in	the	message.	
		51	12	A7 52	9A 04	0026 15 0026 15 002A 16 002C 16 0034 16 003C 16)	LI BI	XAB\$B_FL R2 XAB\$V_DL XAB\$V_CH			Clea	FLG bits returned by RMS or corresponding DAP bits DUP bit CHG bit	
		83 83	1C 1A	52 A7 A7	90 B0 B0	003C 16 0044 16 0047 16 004B 16 004F 16		SMAPBIT MOVB MOVW MOVW	R2,(R3)+ XAB\$W_DF XAB\$W_IF	JP,DAP\$V_DUP IG,DAP\$V_CHG JL,DAP\$V_NUL EL(R7),(R3)+ EL(R7),(R3)+	CHR	Stor Stor	NUL bit re key options as extensible field re data bucket fill quantity field re index bucket fill quantity field	
						004F 160 004F 160 004F 170 004F 17	3 :	nclude the N	ISG, POS,	and SIZ fiel	lds in	the	message.	
		50 g 51 52	16 2E 33 F7	A7 50 11 A7 A7 81 82 50	90 13 3E 90 90 F5	004F 177 0053 177 0056 177 0058 177 005C 177 0060 177 0063 177	10\$	MOVB MOVB BEQL MOVAW MOVAB MOVW MOVB SOBGTR	RO, (R3)+ 20\$ XAB\$W_PO XAB\$B_SI (R1)+,(R	0S(R7),R1 1Z(R7),R2 R3)+		Stor Bran Get Get Stor	loop count e number of key segments field ich if zero address of POS array address of SIZ arrary e key segment position field e key segment size field if more to go	
						0069 18 0069 18	1	nclude the F	REF, KNM,	NUL, IAN, LA	AN, DA	N, an	d DTP fields in the message.	
		83	17 38	83	90 94 05	0069 18 0069 18 0069 18 0069 18 0069 18 0069 18 006F 18 006F 18 0072 18	20\$	CLRB	XARSI KN	F(R7),(R3)+		ASSU	e key of reference field me no key name buffer och if no key name buffer	
	63	FF 38 83 83 83	15 08 09	A7 09 20 20 A7 A7	90 94 05 13 90 28 90 90	0074 18 0078 19 007D 19 0081 19 0085 19 0089 19	305	BEQL MOVB MOVC3 MOVB MOVB MOVB	XAB\$B_IA	R3) B\$L_KNM(R7),(JL(R7),(R3)+ AN(R7),(R3)+ AN(R7),(R3)+	(R3)	Stor Stor Stor	e KNM as an image field 32-byte key name field into msg e null key character field e index area number field e lowest level index area	
		83 83		A7 A7	90 90	0089 19 0089 19 0080 19	5	MOVB	XAB\$B_DA	N(R7),(R3)+ (P(R7),(R3)+		Stor	ber field e data area number field e key data type field	

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FALBLDXAB

- BUILD DAP EXT	ATT MESSAGES	C 15 16-SEP-1984 01:3 5-SEP-1984 01:1	39:25 VAX/VMS Macro VO4-00 Page 7 16:35 [FAL.SRC]FALBLDXAB.MAR;1 (4)
FF2B' 30 00D2 272	10\$: BSBW	FALSCVT_BN4_EXT ;	Store ALLMENU as an extensible field
0005 274 0005 275 0005 276 0005 277 83 0A A7 B0 0005 278	Include the V	OL, ALN, and AOP fields in	the message.
83 OA A7 B0 00D5 278 04 69 34 E1 00D9 279 00DD 280	MOVW	XABSW_VOL(R7),(R3)+ #DAPSV_VAXVMS,(R9),20s ;	Store relative volume number field Branch if partner is not VAX/VMS
FF2B' 30 00D2 272 00D5 273 00D5 274 00D5 275 00D5 276 00D5 277 00D5 278 00DD 289 00DD 281 00DD 281 00DD 283 00DD 283 00DD 283 00DD 285 51 08 A7 9A 00E1 287 52 D4 00E5 288 00E7 289 00E7 290 10 69 34 E1 00F7 291	ASSUME ASSUME ASSUME ASSUME	DAP\$K_ANY EQ 0 DAP\$K_CYL EQ XAB\$C_CYL DAP\$K_LBN EQ XAB\$C_LBN DAP\$K_VBN EQ XAB\$C_VBN	
83 09 A7 90 00DD 286 51 08 A7 9A 00E1 287 52 D4 00E5 288 00E7 289 10 69 34 E1 00F7 291	20\$: MOVB MOVZBL CLRL \$MAPBIT	XAB\$B_ALN(R7),(R3)+ XAB\$B_AOP(R7),R1 R2 XAB\$V_CBT,DAP\$V_CBT2	Store alignment options field Get AOP bits returned by RMS Clear corresponding DAP bits Map CBT bit
10 69 34 E1 00F7 291 00FB 292	BBC SMAPBIT	R2 XAB\$V_CBT,DAP\$V_CBT2 XAB\$V_CTG,DAP\$V_CTG2 #DAP\$V_VAXVMS,(R9),30\$ XAB\$V_RRD,DAP\$V_HRD XAB\$V_ONC,DAP\$V_ONC R2,R1 FAL\$CVT_RN4_FYT	Map (TG bit Branch if partner is not VAX/VMS Map HRD bit
00FB 292 0103 293 51 52 DO 010B 294 FEEF' 30 010E 295 0111 296 0111 297	305: MOVL BSBW	R2,R1 FALSCVT_BN4_EXT	Map ONC bit Move data to correct register Store AOP as an extensible field
		OC, ALQ, AID, BKZ, and DEQ	fields in the message.
07 69 34 E1 0111 301 51 0C A7 D0 0115 302 FEE4' 30 0119 303 51 10 A7 D0 011C 304 FEDD' 30 0120 305 83 17 A7 90 0123 306 83 16 A7 90 0127 307 83 14 A7 B0 012B 308 FECE' 30 012F 309	BBC MOVL BSBW MOVL BSBW MOVB MOVB MOVW BSBW	#DAP\$V_VAXVMS,(R9),40\$ XAB\$L_EOC(R7),R1 FAL\$CVT_BN4_IMG XAB\$L_AEQ(R7),R1 FAL\$CVT_BN4_IMG XAB\$B_AID(R7),(R3)+ XAB\$B_BKZ(R7),(R3)+ XAB\$P_DEQ(R7),(R3)+ FAL\$BGILD_TAIL	Branch if partner is not VAX/VMS Get starting location value Store LOC as an image field Get allocation quantity value Store ALQ as an image field Store area identification field Store bucket size field
83 14 A7 B0 012B 308 FECE' 30 012F 309 05 0132 310	MOVW BSBW RSB	FALSBOILD_TAIL	Store default extension quantity field finish building message Exit

FALBLDXAB VO4-000 000001

VAX/VMS Macro V04-00
[FAL.SRCJFALBLDXAB.MAR; 1

```
.SBTTL
.PSECT
         FALSENCODE_SUM
         FALSCODE
```

D 15

NOSHR, EXE, RD, NOWRT, BYTE

```
Functional Description:
```

FALSENCODE_SUM builds the DAP Summary message.

Calling Sequence:

BSBW FALSENCODE_SUM

Input Parameters:

R8 R9 Address of FAL work area Address of DAP control block

R10 Address of FAB R11 Address of RAB

Implicit Inputs:

FAB\$B_ORG

Output Parameters:

RO-R6 R7 Destroyed Address of XAB

Implicit Outputs:

None

Completion Codes:

None

Side Effects:

None

A4 C8 OC FEC2 1D AA OF 57 DE DO 30 91 12 20 08

FALSENCODE SUM: : MOVAL MOVL BSBW CMPB BNEQ

Entry point Get address of Summary XAB FALSL SUMXAB(R8),R7; Get address of Summary XAB
#DAP\$K SUM MSG,R0; Get message type value
FAL\$BUILD READ; Construct message header
FAB\$B_ORG(R10),#FAB\$C_IDX; Build dummy message (all fields
10\$; defaulted) if file ORG is not IDX

DAPSV_NOK LT 7 DAPSV_NOA LT 7 DAPSV_PVN LT 7 ASSUME ASSUME ASSUME MOVB

#<DAPSM_NOK!-DAPSM_NOA!-DAPSM_PVN!-0>,(R3)*

Get summary menu value

Store sumenu as an extensible field

FAI

Page

16-SEP-1984 01:39:25 5-SEP-1984 01:16:35

VAX/VMS Macro V04-00 [FAL.SRC]FALBLDXAB.MAR;1

FALSENCODE_TIM .PSECT FALSCODE

F 15

NOSHR, EXE, RD, NOWRT, BYTE

Functional Description:

FALSENCODE_TIM builds the DAP Date and Time message.

Calling Sequence:

BSBW FALSENCODE_TIM

Input Parameters:

Address of FAL work area Address of DAP control block Address of FAB R8 R9 R10 R11

Address of RAB

Implicit Inputs:

DAP\$V_GEQ_V60

Output Parameters:

RO-R6 Destroyed Address of XAB

Implicit Outputs:

None

Completion Codes:

None

Side Effects:

None

0320 C8 50 OD FE9E' 57 DE 00 30

FALSENCODE_TIM:: MOVAL FALSL DATXAB(R8),R7 MOVL FALSBUTLD_READ BSBW

Entry point Get address of Date and Time XAB Get message type value : Construct message header

Construct date and time menu value.

Send only time fields that have a non-zero 64-bit time value as zero means the current date and time, not 17-NOV-1858! (actually only the upper 32-bits will be tested for zero, i.e., any time on 17-NOV-1858 will be considered as the default time.)

DAPSV_CDT EQ 0 DAPSV_CDT+1 EQ DAPSV_RDT ASSUME ASSUME

		- BUILD D	AP EXT ATT	MESSAGES	G 15 16-SEP-1984 01 5-SEP-1984 01	:39:25 VAX/VMS Macro V04-00 Page 11 :16:35 [FAL.SRC]FALBLDXAB.MAR;1 (6
		0162 0162 0162	432 433 434 435	ASSUME ASSUME	DAPSV_RDT+1 EQ DAPSV_ED DAPSV_EDT+1 EQ DAPSV_RVE DAPSV_RVN+1 EQ DAPSV_BD	T N T
	18 A7 03 54 01 10 A7 03	D4 0162 D5 0164 13 0167 88 0169 D5 0166 13 0167 B8 0177 B8 0177 B8 0177 B8 0177 D5 0180 13 0188	436 437 438 439 440 101	CLRL TSTL BEQL BISB2 TSTL BEQL BISB2	R4 XAB\$Q_CDT+4(R7) 10\$ #DAP\$M_CDT_R4 XAB\$Q_RDT+4(R7) 20\$	Initialize time menu field Branch if creation date and time is zero Otherwise, send field Branch if revision date and time is zero
08	54 02 20 A7 03 54 04 8 69 25	88 0171 05 0174 13 0177 88 0179 E1 0170	443 201 444 445	BEQL BISB2	WDAPSM RDT, R4 XAB\$Q_EDT+4(R7) 308 WDAPSM_EDT, R4 WDAPSV_GEQ_V60, (R9),408	Distriction of the control of the co
00	28 A7 03 54 10 54 08 83 54	05 0180 13 0183 88 0185 88 0188 90 0188	447 448 449	TSTL BEQL BISB2	XAB\$Q_BDT+4(R7) 40\$ #DAP\$M_BDT,R4 #DAP\$M_RVN,R4 R4,(R3)+	Branch if backup date and time is zero Otherwise, send field Send revision number field Store TIMENU as an extensible field
		90 0188 0188 0188 0188 0188 0188 0188 018	454 : 1	low process (each time field.	
06	5 54 00 14 A7	018E F1 018E 7E 0192 0196	455 456 457 458 459	BBC	#DAP\$V_CDT,R4,50\$ XAB\$Q_CDT(R7),R0	; Branch if CDT is not to be included ; Get address of 64-bit value for ; creation date and time
06	54 01 0C A7	10 0196 E1 0198 7E 0190 01A0	461 509	BSBB BBC MOVAQ	CONVERT_TIME #DAPSV_RDT,R4,60\$ XAB\$Q_RDT(R7),R0	Store CDT as an image field Branch if RDT is not to be included Get address of 64-bit value for revision date and time
06	54 02 1C A7	10 01A0 E1 01A2 7E 01A6	464 465 601	BSBB BBC MOVAQ	CONVERT TIME #DAPSV EDT, R4,70\$ XAB\$Q_EDT(R7),R0	; Store RDT as an image field ; Branch if EDT is not to be included ; Get address of 64-bit value for
83 06 50	08 A7 06 54 04 06 24 A7	10 01AA B0 01AC E1 01B0 7E 01B4	468 709	BSBB MOVW BB(MOVAQ	CONVERT TIME XAB\$W RVN(R7),(R3)+ #DAP\$V BDT,R4,80\$ XAB\$Q_BDT(R7),R0	expiration date and time Store EDT as an image field Store revision number field Branch if BDT is not to be included Get address of 64-bit value for
	04 FE43	10 0188 30 018A 05 018D	473 474 801 475 476	BSBB BSBW RSB	CONVERT TIME FALSBUICD_TAIL	<pre>backup date and time Store BDT as an image field Finish building message Exit</pre>
		018E 018E 018E 018E	477 478 : 1 479 : 1 480 : 4	then it store	es the string as an 18-by	64-bit binary format to an ASCII string. te fixed length field in the DAP message removed (per DAP specification).
14	SE 20 52 SE 4 A2 14 8 A2 SE	0186 0188 10 0188 10 0188 00 0188 0188 0188	480 : 481 : 482 483 COP 484 485 486 487 488	NVERT_TIME: SUBL2 MOVL MOVL MOVL SASCTIN	#<20+12>.SP SP.R2 #20.20(R2) SP.24(R2)	Entry point Allocate space from the stack Save address of work area Form descriptor of buffer to receive ASCII time string Convert binary time to ASCII time

FALBLDXAB

FALBLDXAB V04-000		- BU FALS	ILD DA	P EXT	ATT M	IESSAGES	N 15	16-SEP-1984 5-SEP-1984	01:39 01:16	: 25 : 35	VAX/VI	MS M SRC]	acro FALBI	V04-00 LDXAB.MAR	;1	Page	12
62 62 63 63 63 62 A1 5E	20 03 30 10 07 08 10 20	91 12 90 BB 28 BA CO 05	01CC 01CC 01CC 01CC 01CD 01E3 01E8 01E8 01E8 01F5 01F8	499 491 493 493 495 496 498 5001 5001 5001	10\$:	SCHECK_CMPB BNEQ MOVB PUSHR MOVC3 MOVC3 POPR ADDL2 RSB	TIMLEN=28 TIMBUF=20 TIMADR=(R CVTFLG=#0 SS #^A\(R 108 #^A\O(R #^A\O(R #108 #^A\O(R #11,2(R1) #11,2(R1) #^M <r4> #<20+12></r4>	(R2) - (O) - (2) (2) (R3) (R3)		Addi flac Check Conve day- the Store cent Save Copy Copy Resto	ress of set leads of the control of	f 64 read of the control of the cont	-bit eque: ode i g spi field spec id or s masi of	input str	nd toon fire ing	ime ailure n to	

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FALBLDXAB		- BUILD DAP EXT FALSENCODE_PRO	ATT MESSAGES	J 15 16-SEP-1984 5-SEP-1984	01:39:25 VAX/VMS Macro V04-00 Page 1 01:16:35 [FAL.SRC]FALBLDXAB.MAR;1 (
		2225		DAPSM PROWLD!- 0>,(R3)#	Store PROMENU as an extensible field
		0207 563 0207 564 0207 565 0207 566 0207 567 0207 568	Include the O	WNER field in the mess	age.
10 14 50 51	SE 10 52 SE A2 10 A2 SE OE A7 OC A7	C2 0207 570 D0 020A 571 D0 020D 572 D0 0211 573 3C 0215 574 3C 0219 575 021D 576 021D 578 021D 578 021D 578	SUBL 2 MOVL MOVL MOVZUL MOVZUL SFAO_S-	OUTLEN=24(R2)- OUTBUF=16(R2)- P1=R0-	Allocate space from the stack Save address of work area Form descriptor of buffer to receive ASCII string Get group UIC value Get member UIC value Format the UIC string Address of FAO control string Address of receive string length Address of buffer descriptor Group number of file owner Member number of file owner
63	18 A2 83 50 62 50 5E 1C	021D 580 021D 581 0232 582 3C 0235 583 90 0239 584 28 023C 585 C0 0240 586 0243 587 0243 589 0243 591 0243 593 0243 593 0243 593 0243 593	SCHECK_MOVZWL-MOVB MOVC3 ADDL2	24(R2),R0 R0,(R3)+ R0,(R2),(R3) #<16+12>,SP	; theck status code and exit on failure ; Get length of returned string ; Store owner as an image field ; Copy owner string to message ; Deallocate space from the stack
		0243 589 0243 590 0243 591 0243 592 0243 593 0243 594 0243 595	ASSUME ASSUME ASSUME ASSUME ASSUME	DAPSV_RED_ACC EQ XABSIDAPSV_EXE_ACC EQ XABSIDAPSV_DLT_ACC EQ XABSI	S: PROSYS, PROOWN, PROGRP, and PROWLD. V_NOREAD V_NOWRITE V_NOEXE V_NODEL
		0243 598 0243 599 0243 599 0243 600	ASSUME ASSUME ASSUME ASSUME	DAPSV_RED_ACC LT 7 DAPSV_WRT_ACC LT 7 DAPSV_EXE_ACC LT 7 DAPSV_DLT_ACC LT 7	
51 50 6 51 50 6 51 50 6 51 50 6	08 A7 04 00 83 51 04 04 83 51 04 08 83 51 04 00 83 51 FD96°	0243 597 0243 598 0243 599 0243 600 0243 601 3C 0243 602 EF 0247 603 90 024C 604 EF 024F 605 90 0254 606 EF 0257 607 90 025C 608 EF 025F 609 90 0264 610 30 0267 611 05 0268 613 0268 613	MOVZUL EXTZV MOVB EXTZV MOVB EXTZV MOVB EXTZV MOVB BSBW RSB	XAB\$W PRO(R7),R0 #XAB\$V SYS,#4,R0,R1 R1,(R3)+ #XAB\$V OWN,#4,R0,R1 R1,(R3)+ #XAB\$V GRP,#4,R0,R1 R1,(R3)+ #XAB\$V WLD,#4,R0,R1 R1,(R3)+ FAL\$BUILD_TAIL	Get protection value Store system protection field as an extensible field Store owner protection field as an extensible field Store group protection field as an extensible field Store world protection field as an extensible field finish building message Exit
		026B 613 026B 614	.END		: End of module

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Mai -5 -5 -5 -5 -7 70 23 The

ALBLDXAB symbol table	- BUILD DAP EXT		16-SEP-1984 01:39:25 VAX/VMS Macro V04-00 5-SEP-1984 01:16:35 [FAL.SRCJFALBLDXAB.MAR;	Page 15
	= 00000005	DAPSL CMWA DAPSL DCODE STS DAPSL DEV DAPSL DVB DAPSL FOP1 DAPSL HBK DAPSL HBK DAPSL HRG DAPSL MRG MASK DAPSL SBN DAPSL SBN DAPSL SSPWA DAPSL SSPWA DAPSL SSPWA DAPSL SSPWA DAPSL SSPWA DAPSM AID DAPSM AID DAPSM AID DAPSM BBT DAPSM BBT DAPSM BBT DAPSM BBT DAPSM BBT DAPSM BBT DAPSM DBS DAPSM DBS DAPSM DBS DAPSM DBS DAPSM DFL DAPSM DMO DAPSM DBS DAPSM FLG DAPSM FLG DAPSM IAN DAPSM IAN DAPSM IBS DAPSM IFL DAPSM IMAGE DAPSM IMAGE DAPSM IMAGE DAPSM IMAGE DAPSM NOK DAPSM PROGRP DAPSM PROGRP DAPSM PROGRP	S-SEP-1984 01:16:35	

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- BUILD DAP EXT ATT	MESSAGES L 15	SEP-1984 01:39:25 VAX/VMS M SEP-1984 01:16:35 [FAL.SRC]	acro V04-00 FALBLDXAB.MAR;1	Page	16
= G0000010 = 00000800 = 00000008 = 00000040 = 00020000 = 0000FE00 = 0000FE00	DAPSW_IFL DAPSW_MRL DAPSW_MRS DAPSW_PARTNER DAPSW_POS DAPSW_POS_TMP	0000046 0000070 0000072 000004A 0000006 0000004C			
= 00020000 = 01060000 = F0000000 = 00000001 = 00000080 00000070 00000060 00000048 00000000	DAPSW_PROGRP	0000054 00000052 00000050 0000056 0000042 0000042 0000040			
00000038 00000008 00000010 00000048 00000068 00000050 00000050 00000038 = 00000004	DAPSW-VOL FABSB-ORG FABSC-IDX FALSBUILD_HEAD FALSBUILD_TAIL FALSB-ACCFUNC FALSB-ACCOPT FALSB-DATATYPE FALSB-DISABLE	****** X	02 02		
= 00000003	FALSB_LOGGING FALSB_MISCOPT FALSB_RAC FALSB_RBK_CACHE FALSB_RCVBUFIDX FALSB_VALUE FALSCHECK_SS FALSCVT_BN4_EXT FALSCVT_BN4_IMG	******	02 02 02		
= 00000001 = 00000002 = 00000003 = 00000000 = 00000003 = 00000002 = 00000001 = 00000004	FALSENCODE_ALL FALSENCODE_KEY FALSENCODE_PRO FALSENCODE_SUM FALSENCODE_TIM FALSGQ_UIC FALSK_ALLXAB FALSK_KEYXAB	00002000 00000000 RG 000001F9 RG 00000133 RG 00000157 RG ******** X	02 02 02 02 02 02		
= 00000003 = 00000000 = 00000003 = 00000001 00000040 00000048 00000054	FALSE_ALLXAB FALSE_ALLXABINI FALSE_CHAIN_NXT FALSE_DATXAB FALSE_FAB FALSE_FAB2 FALSE_FHCXAB FALSE_FOP	00002000 00000074 0000007C 00000320 00000200 00000800 000008F4 000001F8			
	= G0000010 = 00000800 = 000000000 = 00020000 = 00020000 = 00020000 = 01060000 = 00000001 = 00000000 00000064 00000064 00000068 00000064 00000068 00000010 00000050 00000050 00000050 00000050 00000050 00000000	- BUILD DAP EXT ATT MESSAGES = G0000010 = 00000800 DAP\$W_IFL = 00000080 DAP\$W_RRS = 00000040 DAP\$W_PARTNER = 00000FE00 DAP\$W_POS TMP = 00020000 DAP\$W_PROGRP = 01000000 DAP\$W_PROGRP = 01000000 DAP\$W_PROGRP = 00000001 DAP\$W_PROWN = 00000001 DAP\$W_PROWN DAP\$W_	- BUILD DAP EXT ATT MESSAGES 16-SEP-1984 01:39:25 VAX/VMS M	- BUILD DAP EXT ATT MESSAGES 10-5EP-1984 01:16:35 [FAL.SRCJFALBLDXAB.MAR;1] = 00000010	- BUILD DAP EXT ATT MESSAGES 16-SEP-1984 01:10:33:25 VAX/VMS Macro V04-00 Page 00000010 DAPSW_IFL 00000070 00000008 DAPSW_HRL 00000070 00000070 00000070 00000008 DAPSW_HRL 00000070 00000040 DAPSW_HRL 000000064 00000000 DAPSW_PARTNER 000000044 00000060 DAPSW_PARTNER 000000044 00000060 DAPSW_PARTNER 000000044 00000060 DAPSW_PROBER 00000054 0000000 DAPSW_PROBER 00000054 0000000 DAPSW_PROBER 00000054 0000000 DAPSW_PROBER 00000052 0000000 DAPSW_PROBER 00000052 0000000 DAPSW_PROBER 00000052 0000000 DAPSW_PROBER 00000052 00000060 DAPSW_PROBER 00000064 00000060 DAPSW_PROBER 00000066 00000060 DAPSW_PROBER 00000066 00000060 DAPSW_PROBER 00000067 000000060 DAPSW_PROBER 00000067 00000060 DAPSW_PROBER 000000067 0000060 DAPSW_PROBER 00000067 0000

FALBLDXAB Symbol table	- BUILD DAP EXT	ATT MESSAGES M 15	16-SEP-1984 01:39:25 VAX/VMS Macro V04-00 5-SEP-1984 01:16:35 [FAL.SRCJFALBLDXAB.MAR;1	Page	17
FALSL NAM FALSL NAM2 FALSL NUMBER FALSL PROXAB FALSL RAB FALSL RAB FALSL RAS PTR FALSL STB FALSL STB FALSL SUMXAB FALSL USE SC1 FALSL USE SC2 FALSL USE VER FALSQ BLD FALSQ FALOG FALSQ FALOG FALSQ FALOG FALSQ FALOG FALSQ FALOG FALSQ FALOG FALSQ TEMP FALSQ TEMP FALSQ TONAME FALSQ SYSNET FALSQ SYSNET FALSQ SYSNET FALSQ SYSNET FALSQ SYSNET FALSQ TEMP FALST DIRNAME FALST DIRNAME FALST DAP FALST THE SPEC2 FALST FALOG FALST FALOG FALST FALOG FALST TRESULT FALST PRIBUF FALST SYSNET FALST SYSNET FALST PRIBUF FALST P	00000294 00000850 0000034C 000003B0 0000006C 0000006C 0000003A4 000003A4 000003A4 000000A6 000000A6 000000A0 000000000 00000000	XAB\$B_DAN XAB\$B_DAN XAB\$B_DBS XAB\$B_IAN XAB\$B_IAN XAB\$B_IAN XAB\$B_IAN XAB\$B_NOK XAB\$B_	= 00000016 = 00000000 = 000000000 = 0000000000000		

NOWRT NOVEC BYTE

N 15 16-SEP-1984 01:39:25 VAX/VMS Macro V04-00 5-SEP-1984 01:16:35 [FAL.SRCJFALBLDXAB.MAR;1 18 FALBLDXAB - BUILD DAP EXT ATT MESSAGES Page Psect synopsis Psect synopsis PSECT No. Attributes **PSECT** name Allocation 00000000 00002000 0000026B LCL NOSHR NOEXE NORD LCL NOSHR EXE RD LCL NOSHR EXE RD ABS USR NOWRT NOVEC BYTE

NOPIC

NOPIC

NOPIC

CON

CON

USR

! Performance indicators !

Page faults	CPU Time	Elapsed Time
.35	00:00:00.04	00:00:01.07
342	00:00:00.41	00:00:31.10
117	00:00:01.02	00:00:05.62
47	00:00:00.19	00:00:01.55
, 0	00:00:00.00	00:00:00.00
	35 139 342 0 117 47	35 00:00:00.04 139 00:00:00.41 342 00:00:09.19 0 00:00:01.02 117 00:00:01.80

The working set limit was 1650 pages.
72669 bytes (142 pages) of virtual memory were used to buffer the intermediate code.
There were 60 pages of symbol table space allocated to hold 1145 non-local and 26 local symbols.
614 source lines were read in Pass 1, producing 15 object records in Pass 2.
30 pages of virtual memory were used to define 28 macros.

Macro library statistics !

Macros defined Macro Library name -\$255\$DUA28:[FAL.OBJ]FAL.MLB;1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

1500 GETS were required to define 25 macros.

ABS SABSS

FAL\$CODE

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$: FALBLDXAB/OBJ=OBJ\$: FALBLDXAB MSRC\$: FALBLDXAB/UPDATE=(ENH\$: FALBLDXAB)+LIB\$: FAL/LIB

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